

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134984.D
 Acq On : 29 Aug 2023 15:13
 Operator : CG\JU
 Sample : PB154967TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154967TB

Quant Time: Aug 29 22:26:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

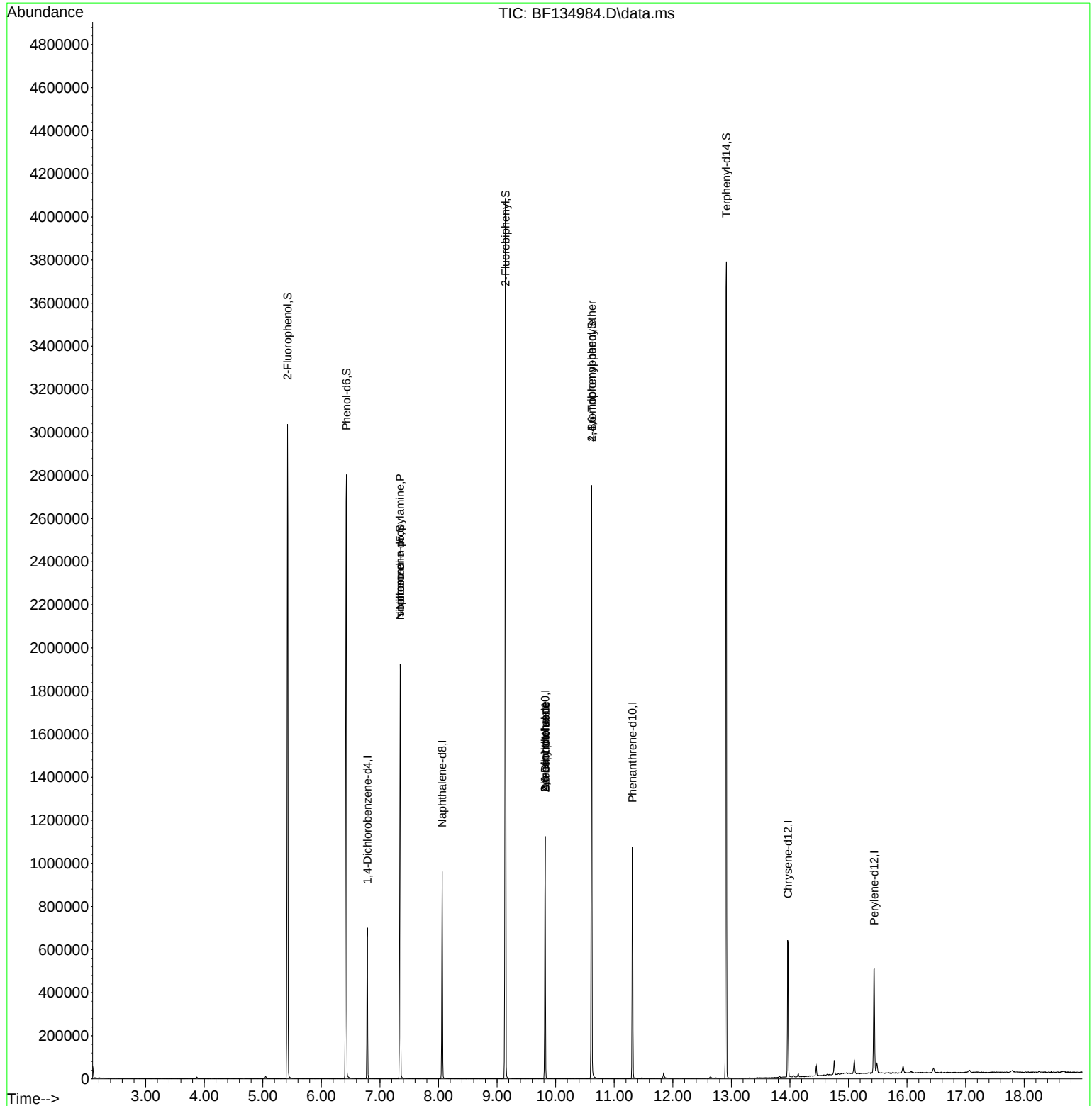
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	102664	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	417004	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	217559	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	409985	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	223348	20.000	ng	-0.01
86) Perylene-d12	15.439	264	236719	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	888790	138.053	ng	0.00
7) Phenol-d6	6.428	99	1101666	133.915	ng	-0.01
23) Nitrobenzene-d5	7.345	82	703293	92.934	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	333573	130.185	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1273574	90.495	ng	-0.01
79) Terphenyl-d14	12.916	244	1507239	92.817	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	96199	20.022	ng	# 77
25) Isophorone	7.345	82	698888	49.458	ng	# 64
50) Dimethylphthalate	9.822	163	45035	2.908	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	27897	8.168	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	27897	6.604	ng	# 25
67) 4-Bromophenyl-phenylether	10.616	248	22215	4.697	ng	# 1

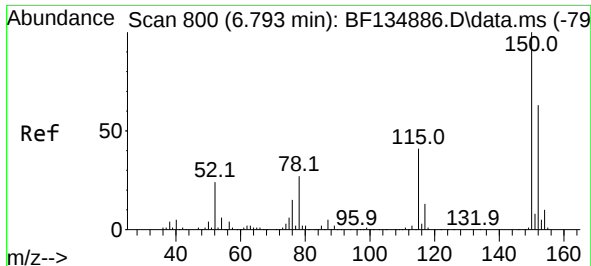
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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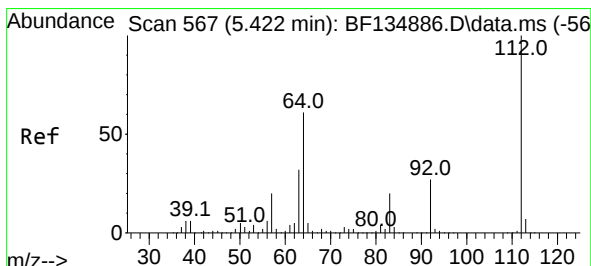
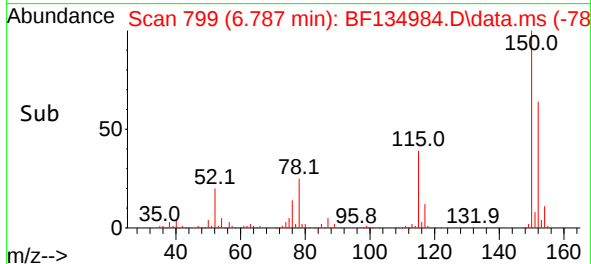
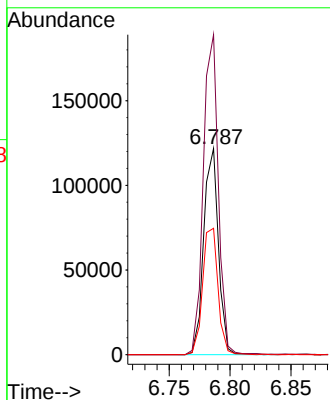
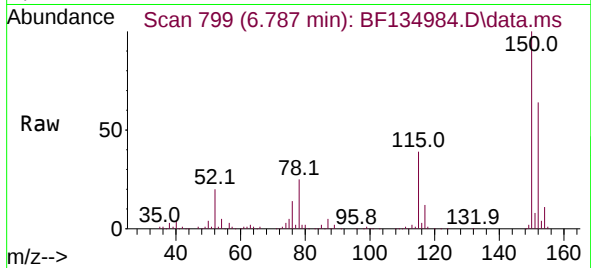




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

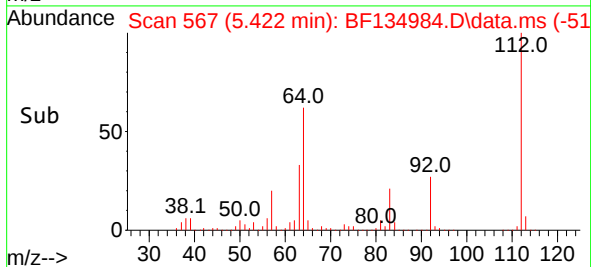
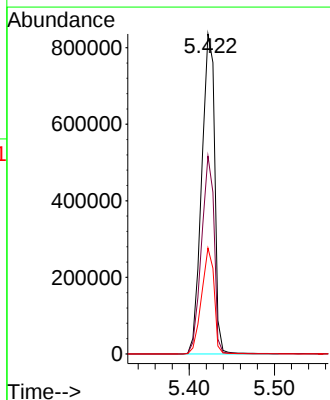
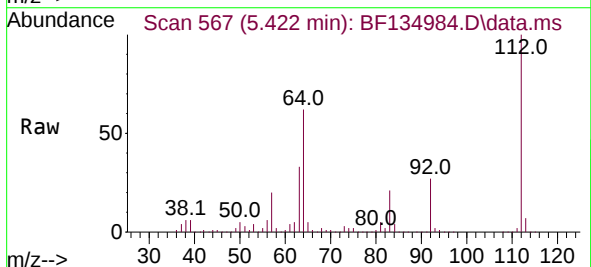
Instrument :
BNA_F
ClientSampleId :
PB154967TB

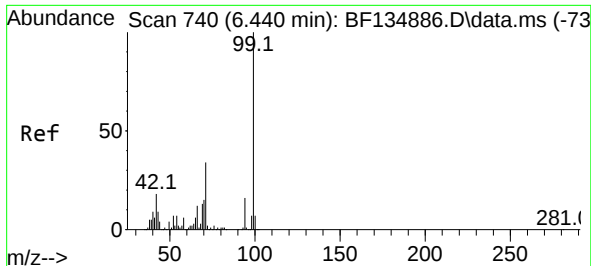
Tgt Ion:152 Resp: 102664
Ion Ratio Lower Upper
152 100
150 155.2 126.1 189.1
115 61.3 51.1 76.7



#5
2-Fluorophenol
Concen: 138.053 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

Tgt Ion:112 Resp: 888790
Ion Ratio Lower Upper
112 100
64 61.8 48.6 73.0
63 33.1 25.7 38.5

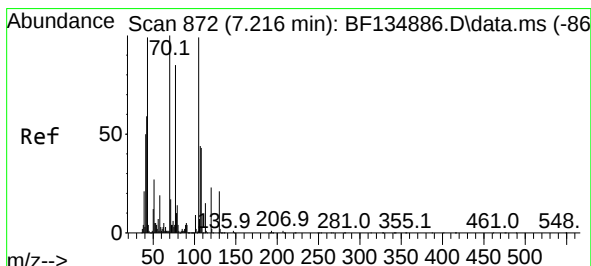
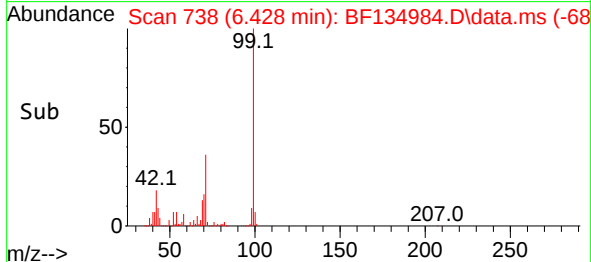
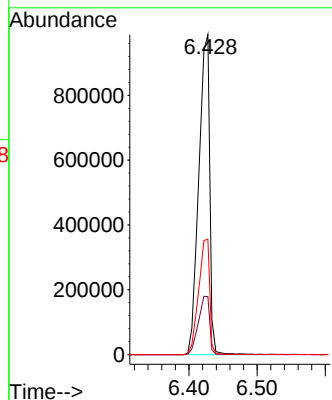
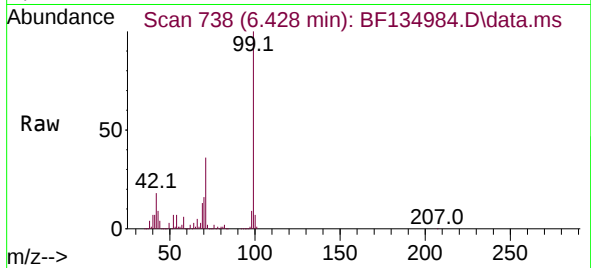




#7
Phenol-d6
Concen: 133.915 ng
RT: 6.428 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

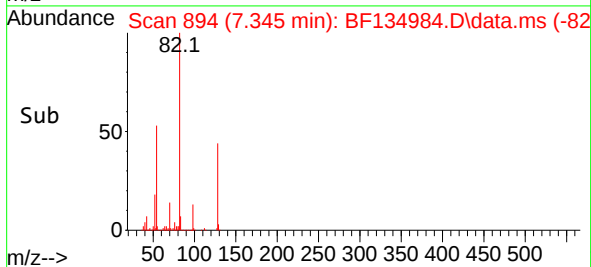
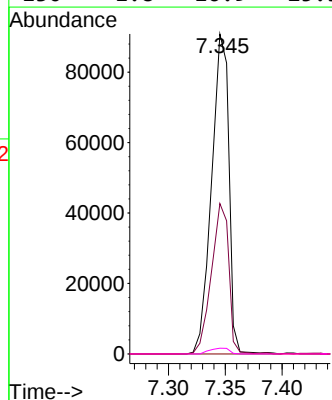
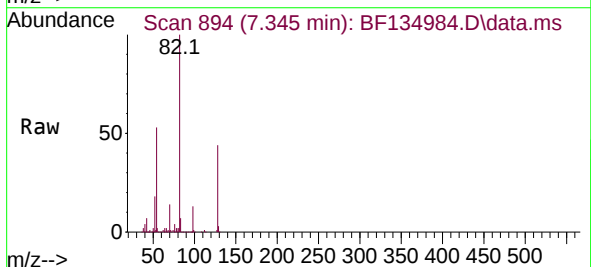
Instrument :
BNA_F
ClientSampleId :
PB154967TB

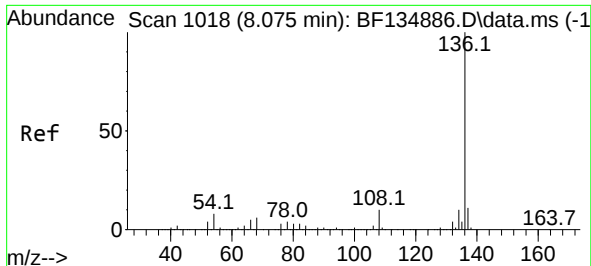
Tgt Ion: 99 Resp: 1101666
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 36.1 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.022 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

Tgt Ion: 70 Resp: 96199
Ion Ratio Lower Upper
70 100
42 47.0 46.9 70.3
101 0.0 7.5 11.3#
130 1.8 16.9 25.3#

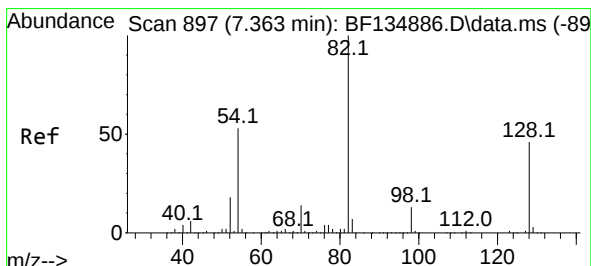
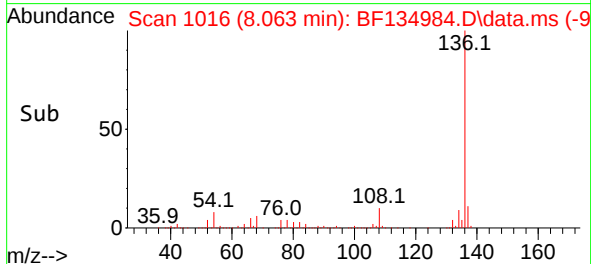
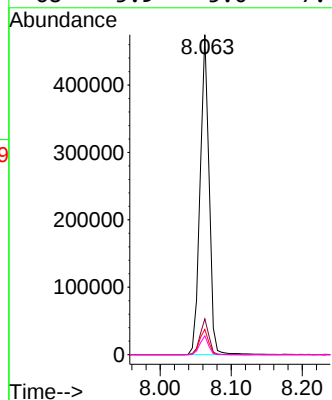
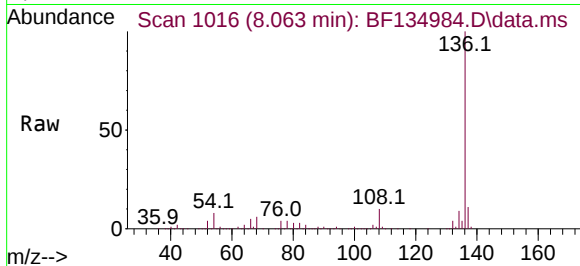




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

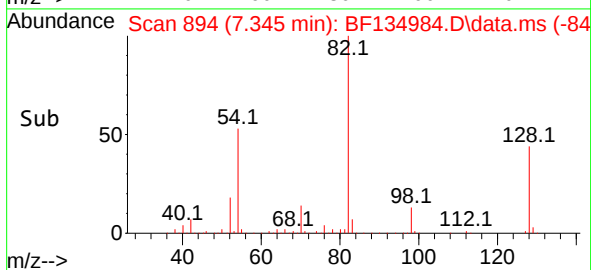
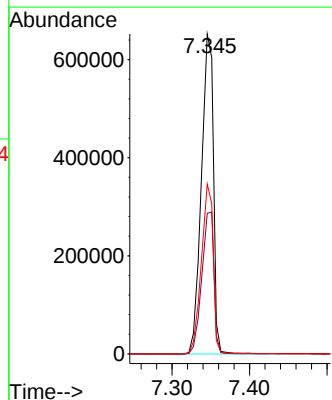
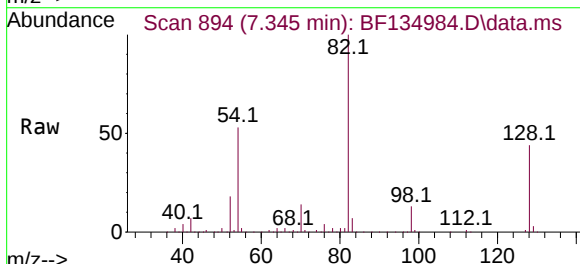
Instrument :
BNA_F
ClientSampleId :
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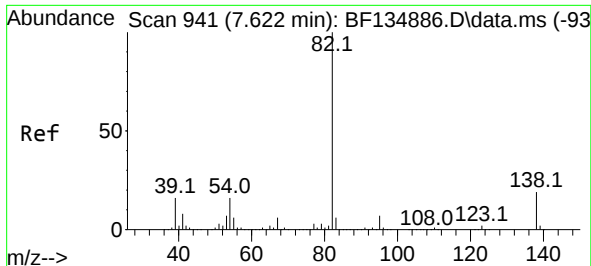
Tgt Ion:136	Resp: 417004
Ion Ratio	Lower Upper
136	100
137	11.2 8.9 13.3
54	7.9 6.6 9.8
68	5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 92.934 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

Tgt Ion: 82	Resp: 703293
Ion Ratio	Lower Upper
82	100
128	43.9 36.6 54.8
54	53.1 42.6 63.8

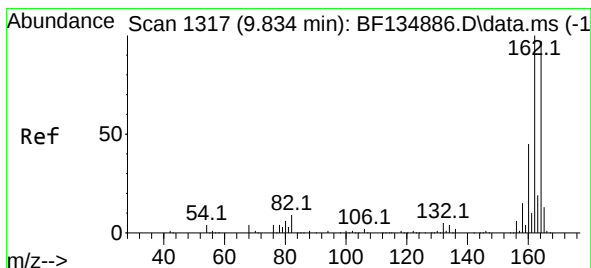
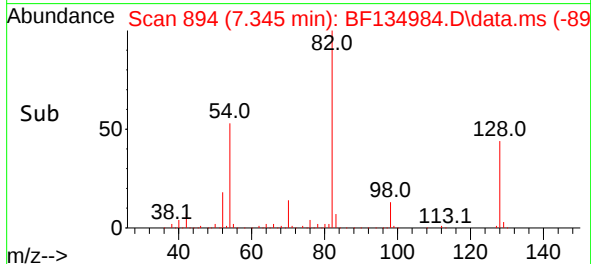
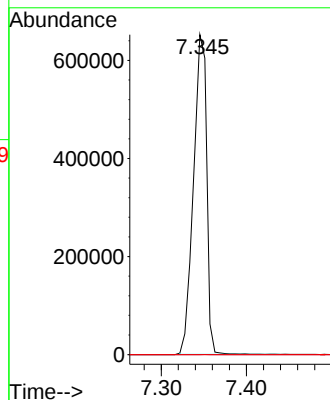
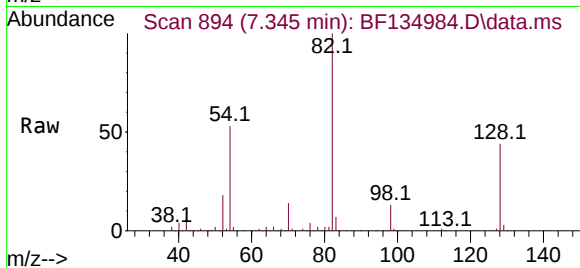




#25
Isophorone
Concen: 49.458 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

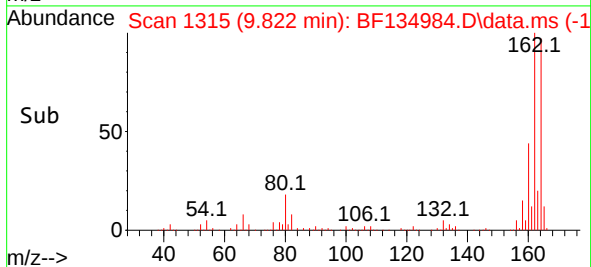
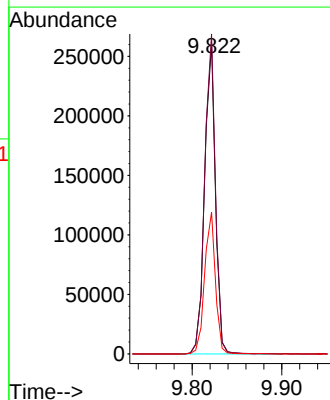
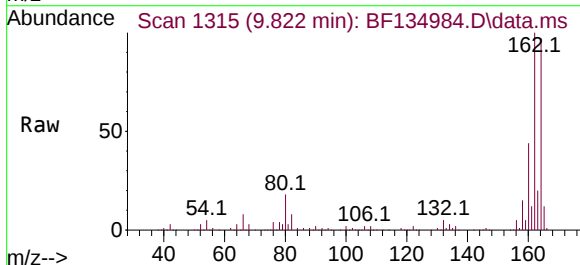
Instrument :
BNA_F
ClientSampleId :
PB154967TB

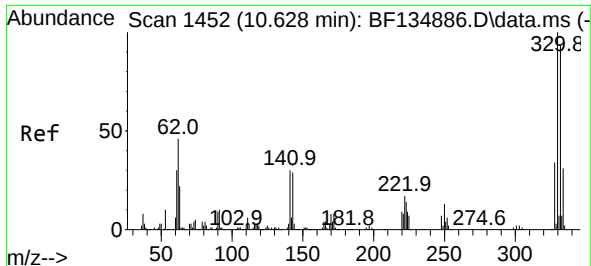
Tgt Ion: 82 Resp: 698888
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

Tgt Ion:164 Resp: 217559
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 130.185 ng

RT: 10.616 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF134984.D

Acq: 29 Aug 2023 15:13

Instrument :

BNA_F

ClientSampleId :

PB154967TB

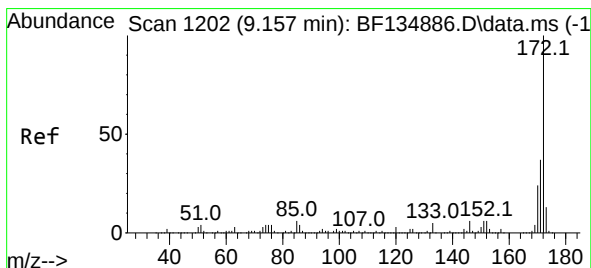
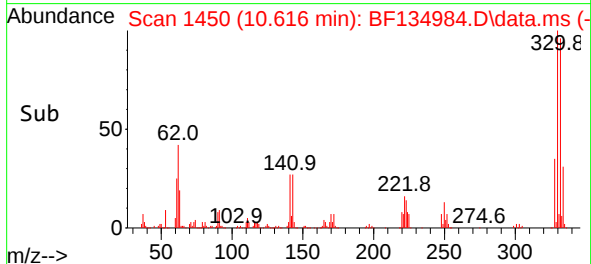
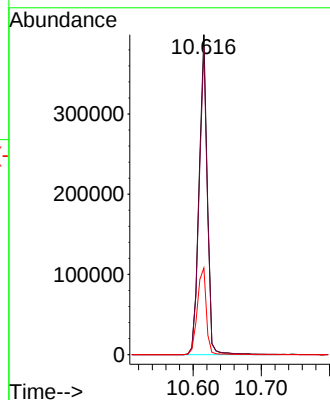
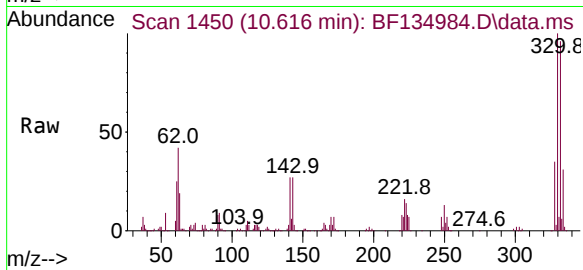
Tgt Ion:330 Resp: 333573

Ion Ratio Lower Upper

330 100

332 96.3 76.3 114.5

141 29.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 90.495 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134984.D

Acq: 29 Aug 2023 15:13

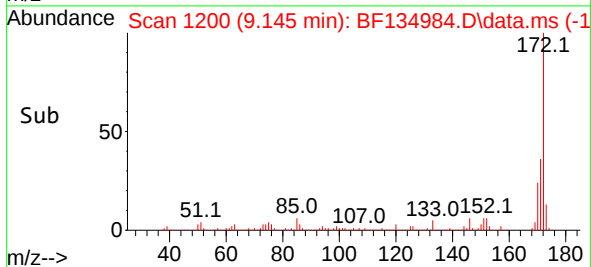
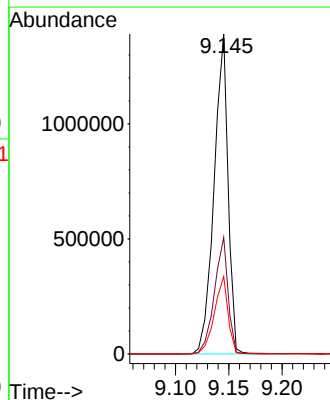
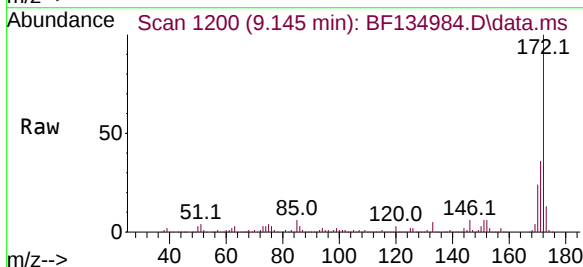
Tgt Ion:172 Resp: 1273574

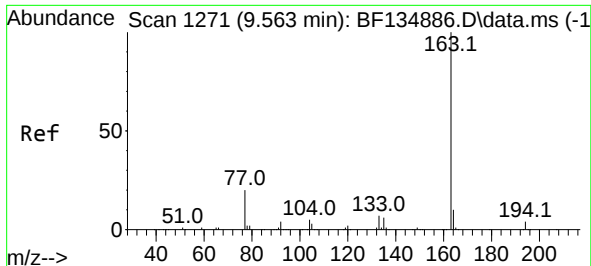
Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

170 24.2 19.6 29.4

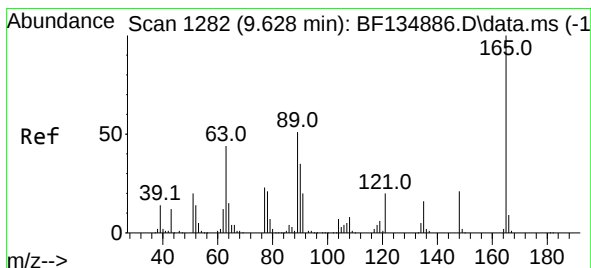
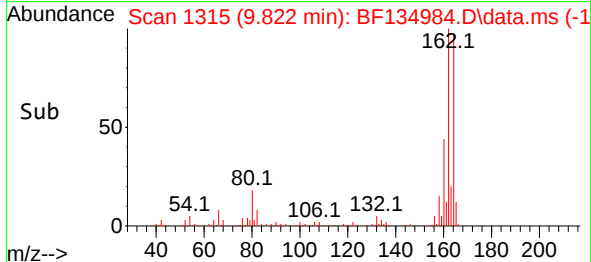
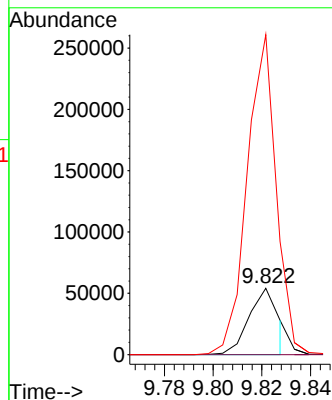
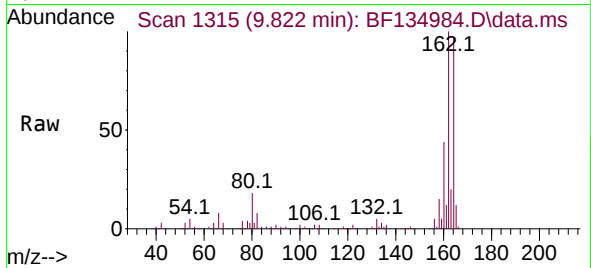




#50
Dimethylphthalate
Concen: 2.908 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

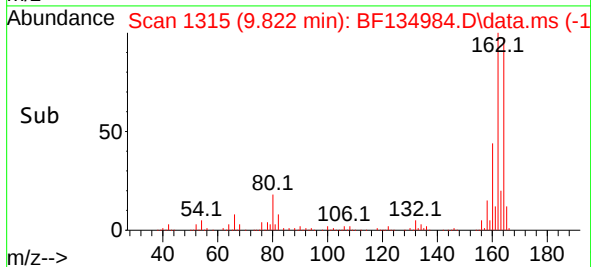
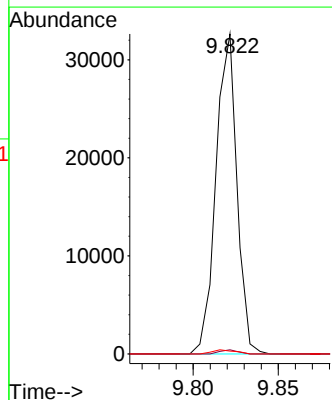
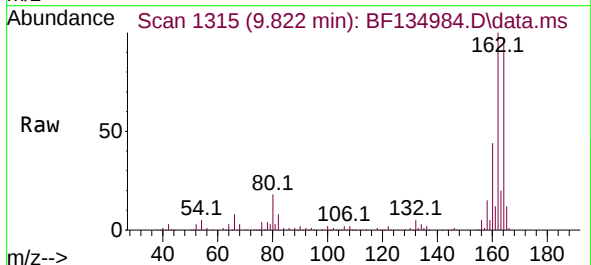
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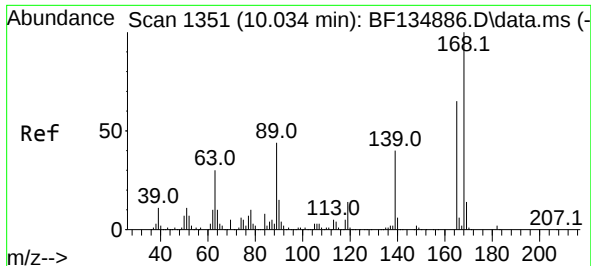
Tgt Ion:163 Resp: 45035
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 481.9 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.168 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

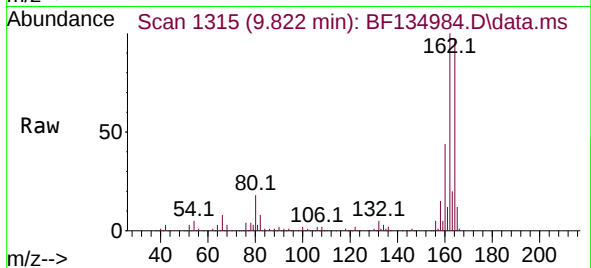
Tgt Ion:165 Resp: 27897
Ion Ratio Lower Upper
165 100
63 1.3 41.4 62.2#
89 0.9 40.9 61.3#



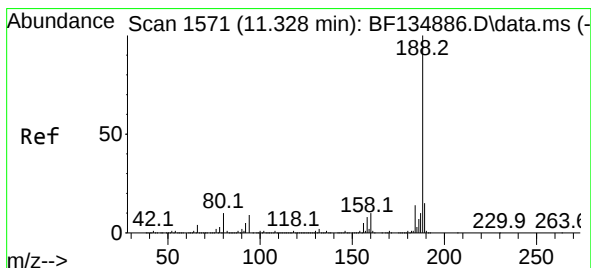
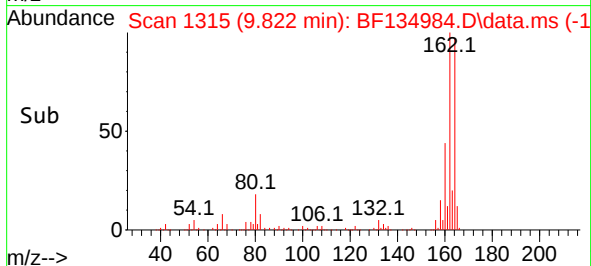
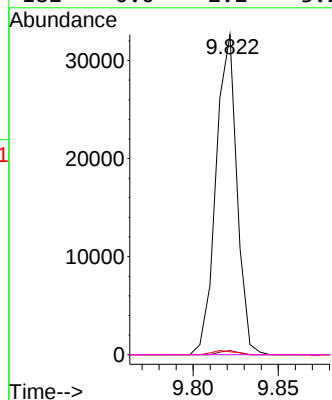


#57
2,4-Dinitrotoluene
Concen: 6.604 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.212 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

Instrument :
BNA_F
ClientSampleId :
PB154967TB

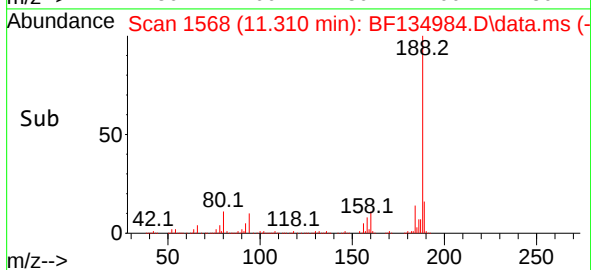
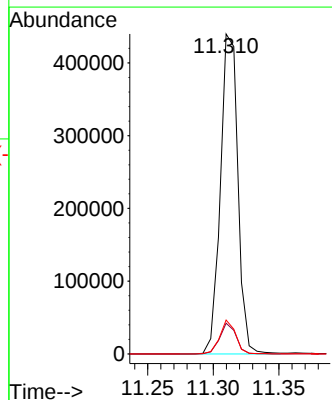
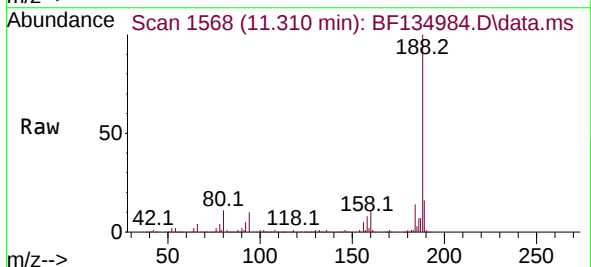


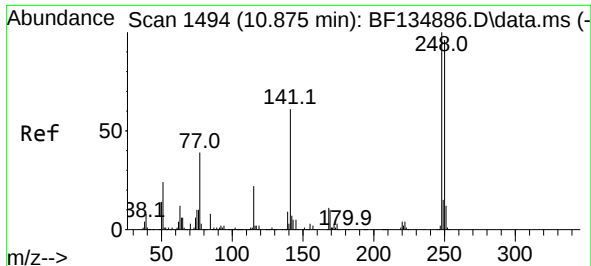
Tgt Ion:	165	Resp:	27897
Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.7	56.5#
89	0.9	54.2	81.4#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

Tgt Ion:	188	Resp:	409985
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	10.6	7.8	11.6

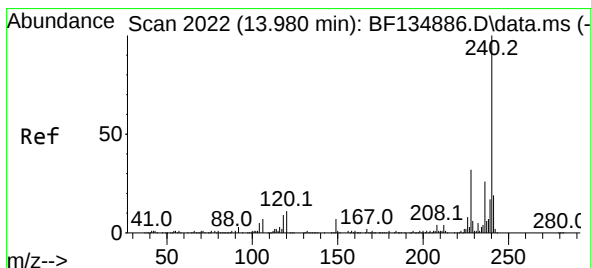
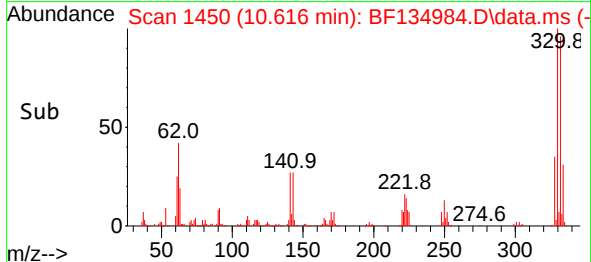
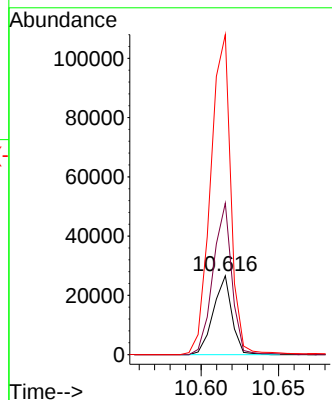
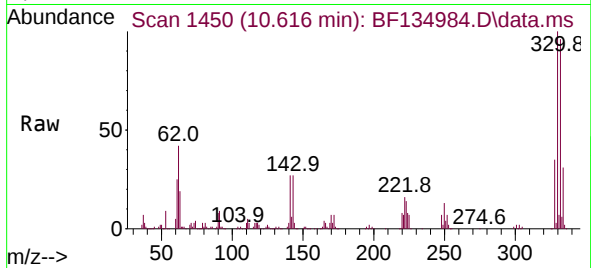




#67
4-Bromophenyl-phenylether
Concen: 4.697 ng
RT: 10.616 min Scan# 1494
Delta R.T. -0.259 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

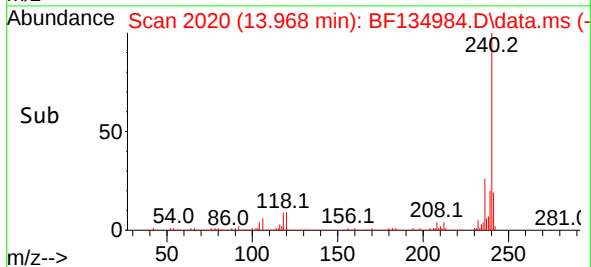
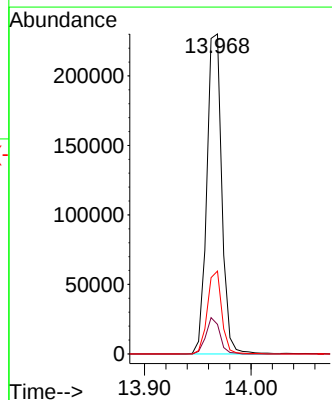
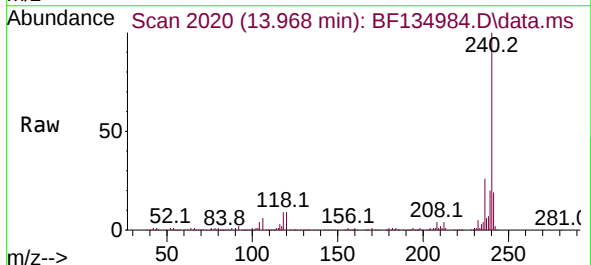
Instrument :
BNA_F
ClientSampleId :
PB154967TB

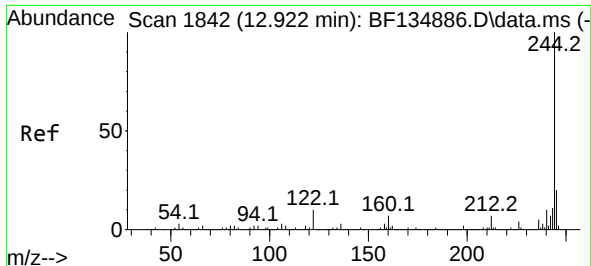
Tgt Ion:248 Resp: 22215
Ion Ratio Lower Upper
248 100
250 192.3 77.1 115.7#
141 406.3 49.0 73.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF134984.D
Acq: 29 Aug 2023 15:13

Tgt Ion:240 Resp: 223348
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 25.9 20.6 31.0

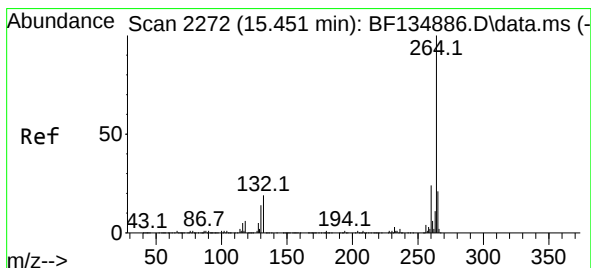
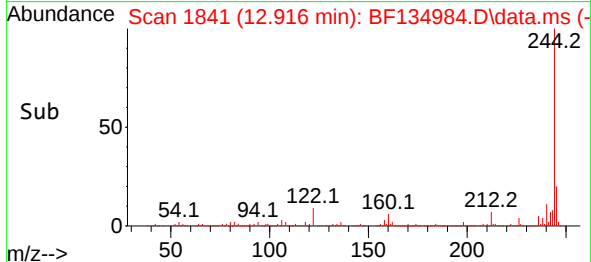
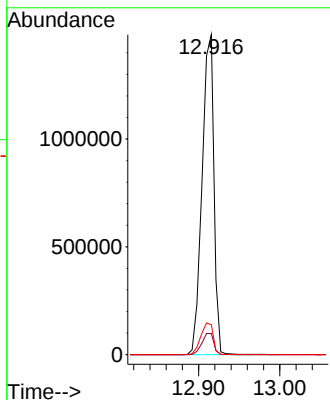
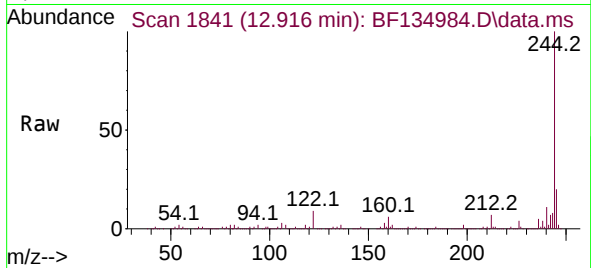




#79
 Terphenyl-d14
 Concen: 92.817 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134984.D
 Acq: 29 Aug 2023 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB154967TB

Tgt Ion:244 Resp: 1507239
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.3 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.012 min
 Lab File: BF134984.D
 Acq: 29 Aug 2023 15:13

Tgt Ion:264 Resp: 236719
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.6
 265 20.8 17.1 25.7

